

DECLARATION AND POWER OF ATTORNEY (POA)

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ANTI-REFLECTED HIGH EFFICIENCY LIGHT EMITTING DIODE DEVICE

the specification of	which (check one)
	is attached hereto.
☒	was filed on <u>January 7, 2005</u> as Application Serial No. or PCT International Application No. and was amended on PCT/KR2005/000036 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

	PRIOR FOREIGN AF	PPLICATION(S)		
APPN. SERIAL NO.	COUNTRY	DATE FILED (MM/DD/YYYY)	PRIORIT	Y CLAIM
10-2004-0018139	KOREA	March 17, 2004	Ø	

DEC. AND POA Cont'd

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

PRIOR PROVISIO	NAL APPLICATION(S)
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below:

	PRIOR U.S. APPLICATION(S)	
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)	STATUS - PATENTED, PENDING, ABANDONED

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY

I hereby appoint the following attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Thomas S. Auchterlonie John A. Castellano	Reg. No. 37,275 Reg. No. 35,094
Terry L. Clark	Reg. No. 32,644
Donald J. Daley	Reg. No. 34,313
Gary D. Yacura	Reg. No. 35,416

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HARNESS DIONEY

P. 95

Atty. Dkt. No.: 8947-000722/US

DEC. AND POA Cont'd

CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Hamess, Dickey & Pierce, P.L.C., Customer No. 30593, P.O. Box 8910, Reston, Virginia, 20195, (703) 668-8000.

Full name of sole	or first inventor: Pun-Jae CHO!		
inventor's signature):		
Date:			
Residence:	512-405, Seecheonnyeon Greenville Apt., Singal-dong, Yongin-sl, Gyeonggi-do, Republic of Korea		
Citizenship:	Republic of Korea		
Mailing Address:	Same as above		
Full name of seco	and joint inventor. Jin-Soo PARK		
Inventor's signatur			
Date:			
Residence:	LED production group, LG Innotek, 978-1, Jangdeok-dong,		
	Gwangsan-gu, Gwangju, Republic of Korea		
Citizenship:	Republic of Korea		
Mailing Address:	Same as above		
Full name of third	Joint Inventor: Seong-Han KIM		
Inventor's signatur	o: Manyor		
Date:	2009. V. 1f		
Residence:	CTS Inc., 2F., Korea Advanced Nano Fab Center, 906-10 lul-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea		
Citizenship:	Republic of Korea		
Mailing Address:	Same as above		

Page 3 of 4

Full name of four	th joint inventor: Myeang-Kook GONG
Inventor's signature	9:
Date:	
Residence:	901-2003 LG-XI Apt., 869 Beonji, Sanghyeon-dong, Yongin, Gyeonggi-do KOREA
Citizenship:	Republic of Korea
Mailing Address:	Same as above
Full name of fifth	joint inventor: Hyeon-Ryong CHO
Inventor's signatu	re:
Date:	
Residence:	Lumens Co., Ltd., 456 Gomae-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Citizenship:	Republic of Korea
Mailing Address:	Same as above



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ANTI-REFLECTED HIGH EFFICIENCY LIGHT EMITTING DIODE DEVICE

the specification of	which (check one)
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	PRIOR FOREIGN AF	PPLICATION(S)		
APPN. SERIAL NO.	COUNTRY	DATE FILED (MM/DD/YYYY)	PRIORIT Yes	Y CLAIM
10-2004-0018139	KOREA	March 17, 2004	×	

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DEC. AND POA Cont'd

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PRIOR PROVISIO	NAL APPLICATION(S)
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)

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	PRIOR U.S. APPLICATION(S)	STATUS - PATENTED
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)	PENDING, ABANDONE
	1	

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Thomas S. Auchterlonie	Reg. No. 37,275
John A. Castellano	Reg. No. 35,094
Terry L. Clark	Reg. No. 32,644
Donald J. Daley	Reg. No. 34,313
Gary D. Yacura	Reg. No. 35,416



DEC. AND POA Cont'd

CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Hamess, Dickey & Pierce, P.L.C., Customer No. 30593, P.O. Box 8910, Reston, Virginia, 20195, (703) 668-8000.

Full name of sole	or first inventor: Pun-Jae CHOI	
inventor's signature		
Date:	2009, 02, 05.	
Residence: 512-405, Saecheonnyeon Greenville Apt., Singal-dong, Yo		
11000001100	si, Gyeonggi-do, Republic of Korea	
Citizenship:	Republic of Korea	
Mailing Address:	Same as above	
Full name of seco	end joint inventor: Jin-Soo PARK	
Inventor's signatur	8:	
Date:		
Residence:	LED production group, LG Innotek, 978-1, Jangdeok-dong,	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Gwangsan-gu, Gwangju, Republic of Korea	
Citizenship:	Republic of Korea	
Mailing Address:	Same as above	
Full name of thire	d joint inventor: Seong-Han KIM	
Inventor's signatu	re:	
Date:		
Residence:	204-303 Hansol Apt., Songgang-dong, Yuseong-gu, Daejeon, KOREA	
Citizenship:	Republic of Korea	
Mailing Address:	Same as above	

P.07

Atty. Dkt. No.: 8947-000222/US

Full name of fourt	h joint inventor: Myeong-Kook GONG
Inventor's signature	e:
Date:	
Residence:	901-2003 LG-XI Apt., 869 Beonji, Sanghyeon-dong, Yongin, Gyeonggi-do KOREA
Citizenship:	Republic of Korea
Mailing Address:	Same as above
Full name of fifth	joint inventor: Hyeon-Ryong CHO
Inventor's signatur	re:
Date:	
Residence:	523-908 5 Danji Jugong Apt., Maetan 1-dong, Paldal-gu, Suwon, Gyeonggi-do KOREA
Citizenship:	Republic of Korea
Mailing Address:	Same as above

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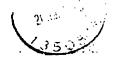
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	PRIOR FOREIGN AF	DATE FILED	PRIORITY	CLAIM
APPN. SERIAL NO.	COUNTRY	(MIM/DDMYYY)	Yes	No
10-2004-0018139	KOREA	March 17, 2004	X	



DEC. AND POA Cont'd

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APPN. SERIAL NO.	DATE FILED (MM/DD/YYY)

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	PRIOR U.S. APPLICATION(S)		
APPN. SERIAL NO.	DATE FILED (MM/DD/YYYY)	STATUS - PATENTED, PENDING, ABANDONEI	
			
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Thomas S. Auchterionie John A. Castellano Terry L. Clark	Reg. No. 37,275 Reg. No. 35,094 Reg. No. 32,644
Donald J. Daley	Reg. No. 34,313
Gary D. Yacura	Reg. No. 35,416



DEC. AND POA Cont'd

CORRESPONDENCE ADDRESS

I request the Patent and Trademark Office to direct all correspondence and telephone calls relative to this application to Harness, Dickey & Pierce, P.L.C., Customer No. 30593, P.O. Box 8910, Reston, Virginia, 20195, (703) 668-8000.

Full name of sole	or first inventor. Pun-Jae CHOI
inventor's signature	e:
Date:	
Residence:	512-405, Saecheonnyeon Greenville Apt., Singal-dong, Yongin- si, Gyeonggi-do, Republic of Korea
Citizenship:	
Mailing Address:	Same as above
Full name of seco	ond joint inventor: Jin-Soo PARK
Inventor's signatur	2009. 03. 10
Date,	LED production group, LG Innotek, 978-1, Jangdeok-dong,
Residence: Gwangsan-gu, Gwangiu, Republic of Korea	
Citizenship:	Republic of Korea
	Same as above
Full name of thir	d joint inventor: Seong-Han KIM
Inventor's signatu	ire:
Date:	
Residence:	204–303 Hansol Apt., Songgang-dong, Yuseong-gu, Daejeon, KOREA
	Republic of Korea
Mailing Address:	Same as above

Full name of fourt	h joint inventor: Myeong-Kook GONG
inventor's signature):
Date:	Luna Vancia
Residence:	901-2003 LG-XI Apt., 889 Beonji, Sanghyeon-dong, Yongin, Gyeonggi-do KOREA
Citizenship:	Republic of Korea
Mailing Address:	Same as above
Full name of fifth	joint inventor: Hyeon-Ryong CHO
Inventor's signatu	re:
Date:	
Residence:	523-908 5 Danji Jugong Apt., Maetan 1-dong, Paldal-gu, Suwon, Gyeonggi-do KOREA
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10-2004-0018139	KOREA	March 17, 2004	×	

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Gary D. Yacura	Reg. No. 35,416

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Citizenshlp:	Republic of Korea		
Mailing Address:	Same as above		
Full name of seco	ond joint inventor. Jin-Soo PARK		
Inventor's signatus	те:		
Date:			
Residence:	LED production group, LG Innotek, 978-1, Jangdeok-dong,		
	Gwangsan-gu, Gwangju, Republic of Korea		
Citizenship:	Republic of Korea		
Mailing Address:	Same as above		
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Citizenship:	Republic of Korea		
Mailing Address:	Same as above		

Full name of fourt	h joint inventor: Myeong-Kook GONG
Inventor's signature	
Date:	
Residence:	901-2003 LG-XI Apt., 869 Beonji, Sanghyeon-dong, Yongin, Gyeonggi-do KOREA
Citizenship:	Republic of Korea
Mailing Address:	Same as above
Full name of fifth	joint inventor: Hyeon-Ryong CHO
Date:	04/2009
Residence:	Lumens Co., Ltd., 456 Gomae-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Citizenship:	Republic of Korea
Mailing Address:	Same as above

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	_	s attached hereto.		
	⊠ v	or vas filed on <u>January 7, 20</u> riternational Application I amended on (if appli	No. PCT/KR2005/00	
	ecification	I have reviewed and uncon, including the claims,		
defined in 3 information	7 CFR { which be	uty to disclose information § 1.56, including for conticame available between to PCT international filin	nuation-in-part applic he filing date of the	cations, material prior application
foreign appl international States of An any foreign	ication(s applicati nerica, lis application	n priority benefits under 35) for patent or inventor's ion which designated at leasted below and have also ion for patent or inventor's filling date-before-that-of	certificate, or 365(ast one country other dentified below, by c certificate, or any F	(a) of any PCT than the United hecking the box, PCT international
		PRIOR FOREIGN APPL	JCATION(S)	
ADDN SED	IAL NO	COUNTRY	DATE FILED	PRIORITY CLAIM

APPN. SERIAL NO.	COUNTRY	DATE FILED	PRIORITY CLAIM	
ATTN: SEMALNO.	CODITAL	(MM/DD/YYYY)	Yes	No
10-2004-0018139	KOREA	March 17, 2004	\boxtimes	



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Donald J. Daley	Reg. No. 34,313
Gary D. Yacura	Reg. No. 35,416

HARNESS DICKEY

P.06

Atty. Dkt. No.: 8947-000222/US

DEC. AND POA Cont'd

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inventor's signature		
Date:		
Residence:	203-1101 Hansol Apt., Songgang-dong, Yuseong-gu, Daejeon KOREA	
Citizenship:	Republic of Korea	
Mailing Address:	Same as above	
Full name of sec	ond joint inventor. Jin-Soo PARK	
Inventor's signatu	re:	
Date:		
Residence:	629 Beonji, Deongnim-ri, Jusan-myeon, Buan-gun, Jeollabuk-do, KOREA	
Citizenship:	Republic of Korea	
Mailing Address:	and the second s	
Full name of thir	d joint inventor. Seong-Han KIM	
Inventor's signatu	re:	
Date:		
	204-303 Hansol Apt., Songgang-dong, Yuseong-gu,	
Residence:	Daejeon, KOREA	
Citizenship:		

Full name of four	h joint inventor: Myeong-Kook GONG
Inventor's signature	= P1 111 3
Date:	·S. 6.25.
Residence:	901-2003 LG-XI Apt., 869 Beonji, Sanghyeon-dong, Yongin, Gyeonggi-do KOREA
Citlzenship:	Republic of Korea
Mailing Address:	Same as above
Full name of fifth	Joint inventor: Hyeon-Ryong CHO
Inventor's signatur	e;
Date:	
Residence:	523-908 5 Danji Jugong Apt., Maetan 1-dong, Paldal-gu, Suwon, Gyeonggi-do KOREA
Citizenship:	Republic of Korea
Mailing Addmass	Same as above